

BG0051589A1: METHOD FOR THE PRODUCTION OF HAEMOSTATIC LAYER MATERIAL

Abstract:

The method is used in surgery in making organ protective surgical interventions of parenchymal organs. It provides high haemostatic and therapeutical properties of the used material, stability in lyophilization, sterilization and continuous storing. Fraction I-III of plasma proteins according to Kohn is dissolved in a buffer having pH 5.17-5.25 and is left at temperature ranging from 4 to 8 C after which the liquid is filtered. pH adjustment of the filtrate is adjusted to 6.8-7.2. Gelatine to final concentration 37 g/l and thrombin to final concentration 125 I/l are added. The obtained foamy mass is poured in a plate and is cooled down to -20 C. Polyamide antiseptic cloth is placed over the mass. There follows lyophilization for 24 hrs until reaching final plate temperature of +99 C.